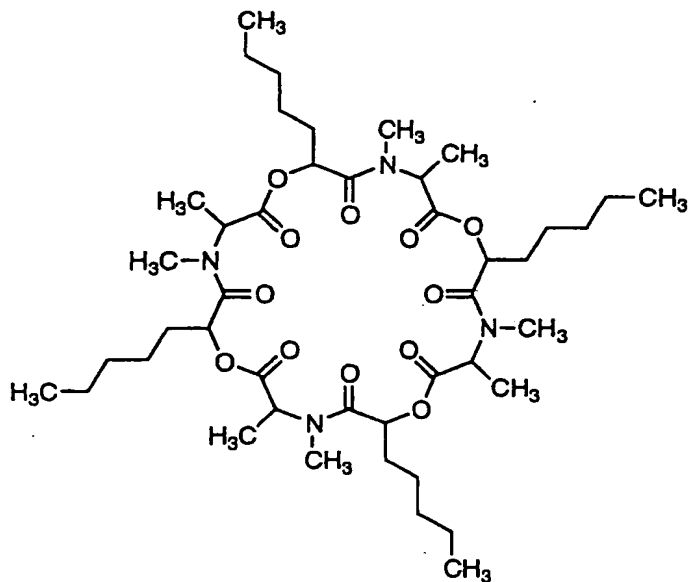


Claims

1. A FKI-1033 substance represented by the formula:



2. A process for production of FKI-1033 substance comprising culturing a microorganism belonging to fungi and having ability to produce FKI-1033 substance in a medium, accumulating FKI-1033 substance in the cultured medium and isolating FKI-1033 substance from the cultured mass.

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3. A microorganism which is Verticillium sp. FKI-1033 FERM BP-8219 belonging to fungi.

4. A microorganism of Verticillium sp FKI-1033 having ability to produce FKI-1033 substance of claim 1 and belonging to fungi.

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5. The microorganism according to claim 4 wherein the microorganism has ability to produce FKI-1033 substance and is

Verticillium sp. FKI-1033 FERM BP-8219.

6. The process for production of FKI-1033 substance wherein the microorganism having ability to produce FKI-1033 substance
5 is Verticillium sp. FKI-1033 FERM BP-8219 belonging to fungi or mutant thereof having ability to produce FKI-1033 substance.

7. FKI-1033 substance according to claim 1 which has ryanodine binding inhibition activity.

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8. FKI-1033 substance according to claim 1 which has insecticidal activity and anthelmintic activity.

9. A ryanodine binding inhibitor comprising FKI-1033
15 substance as an active ingredient.

10. An insecticide and anthelmintic agent comprising FKI-1033 substance as an active ingredient.

20 11. The ryanodine binding inhibitor, insecticide and anthelmintic agent comprising FKI-1033 substance as the active ingredient.

12. Use of FKI-1033 substance for production of agrochemicals,
25 veterinary drugs and medicaments having insecticidal activity and anthelmintic activity in substances inhibit ryanodine binding to the ryanodine receptor.

13. FKI-1033 substance for production of agrochemicals,

veterinary drugs and medicaments having insecticidal activity and anthelmintic activity in substances inhibit ryanodine binding to the ryanodine receptor.